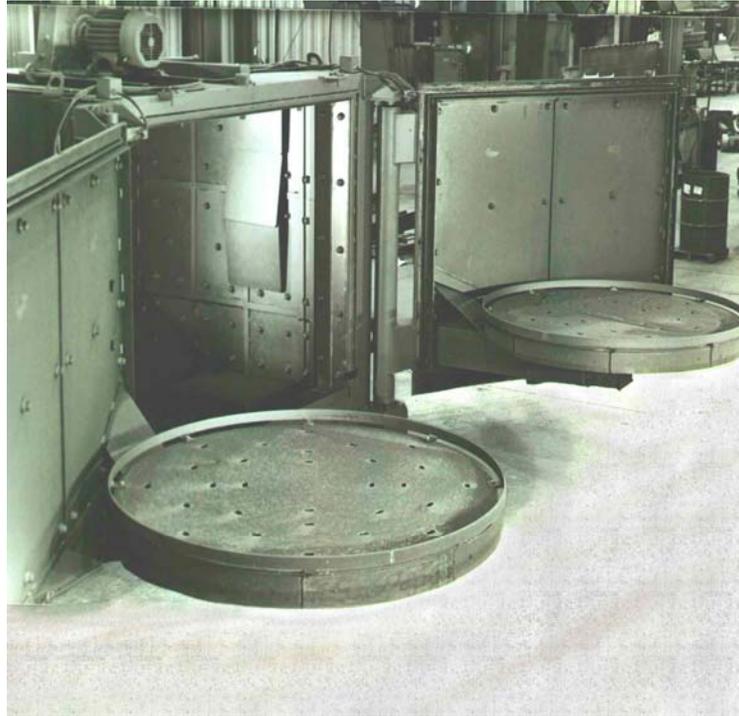




72 Swing Table Blast



* Optional Double Door Design Shown

GOFF®

“Blasting Solutions”

FEATURES

Two 20 HP Direct Drive Blast Wheels

Double Swing Table Option

Dual 30” Lip Separator

Dual Heavy Duty Elevator System

Machine Warranty

Pitless Design

Rotary Scalping Drum

6,000 Lb. Table Capacity

Safety Interlocks

SPECIFICATIONS—72 Swing Table

EQUIPMENT DIMENSIONS

	72SW	GCO 3-6
Width	17'	45"
Height	15'9"	138"
Length	10'	62"
Weight	17,000 lbs.	1,395 lbs.

TWO AIRLESS BLAST UNITS

WHEELS: (2) 20 HP direct drive blast wheel revolves at 3600 RPM for maximum abrasive velocity. 12" diameter wheel with 3" wide blades is standard. Balanced wheel components assure smooth operation. 3rd Blast Wheel Optional.

BLADES: Cast from abrasive resistant alloy to insure maximum life. The unique blade design allows for easy blade replacement.

CONTROL CAGE: Dial type cage.

WHEEL HOUSING: Fabricated from 1/4" wear resistant steel plate. Housing is fully encased with cast interlocking wear resistant liners.

CABINET CONSTRUCTION

CABINET: Pitless type all welded structurally reinforced cabinet is fabricated from 1/4" and 3/8" steel plate. Full width front door. Interlocking door seals prevent abrasive escape. Abrasive resistant liner protects door and cabinet walls from direct or indirect abrasive blast.

DOOR: All welded structurally reinforced doors are fabricated from 1/4" and 1/2" steel plate. Door is supported by a heavy-duty thrust bearing. Door is pivoted from a 3" diameter solid shaft surrounded by a 6" diameter steel pipe.

Air cylinder powered cam lock is located on the door for positive sealing from abrasive and dust leakage.

DOOR OPTIONS: Door and table can be pivoted from right or left of cabinet. Two doors and tables are optionally available for increased production.

TABLE CONSTRUCTION

TABLE: Constructed of 3/4" steel plate with abrasive resistant table liner. Table is attached to a network of 3/8" thick plates surrounded by a 72" diameter drive ring. Table rotates on solid shaft supported by heavy-duty thrust bearing.

TABLE SUPPORT: The table support is constructed of 1/2" abrasive resistant steel plate welded to form a beam. The heavy-duty support is suspended from the cabinet door.

TABLE DRIVE: Table is driven by an electric motor through a drive wheel. Drive mechanism is engaged with an air cylinder to assure continuous rotation of the table.

TABLE SPEED: Approx. 10 RPM

WORK LOADING HT: 38"

MAXIMUM WORK DIMENSIONS
72" dia. x 52" high.

WORK LOAD CAPACITY: 6,000 pounds maximum per table.

ABRASIVE RECYCLING SYSTEM

SCREW CONVEYORS: Dual heavy-duty screws in cabinet are chain and sprocket driven and protected by torque limiting clutch. Heavy-duty 9" screw from elevator to abrasive storage hopper. All screws have 2" shafting with exterior mounted bearings.

ELEVATOR SYSTEM: Heavy-duty centrifugal discharge belt and bucket elevator is rigid and dust tight. Screw adjusted take-ups provide positive belt alignment.

SEPARATOR: Double elevator design locates dual 30" lip separator at floor level. Dual separation provides thorough air washing of abrasive for maximum contaminate removal.

SCREENING: Heavy bar grating in cabinet protects screw conveyor from large objects. A screen between elevator and separator automatically removes small foreign debris.

CABINET VENTILATION: Air inlet and outlet positioned to provide maximum dust evacuation of cabinet.

ABRASIVE REQUIRED: 3,000 pounds initial.

ABRASIVE CONTROL: Fully adjustable air actuated butterfly valve provides precise flow control of abrasive to both blast wheels. Totally enclosed design means maximum noise suppression.

ELECTRICS

NEMA type 12 electrical enclosure, fusible disconnect switch, thermal overload protection on all motors, 230/460 volt primary, 115 volt secondary control transformer, blast wheel motor ammeters, oil tight push buttons, digital cycle timer. Timer controls both abrasive flow and blast wheel motor. Table jog switch to ease loading. Table lockout for blast pattern test. Cycle alarm signal and hour meter standard. Independent blast wheel operation.

Full load amperes (excludes dust collector)
230V/3Ph/60Hz—115 Amps,
460V/3Ph/60Hz—58 Amps.

VENTILATION FEATURES (option) DFO 3-6 10 HP: 4300 CFM.

NOISE LEVEL: Approx. 85 dB.

Specifications subject to change with out notice.

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